Sulie Lin Chang

List of Publications by Year
in descending order

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81	1,771	304602	315616
papers	citations	22 h-index	38 g-index

82	82	82	1465
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Activation and desensitization of Fos immunoreactivity in the rat brain following ethanol administration. Brain Research, 1995, 679, 89-98.	1.1	159
2	The HIV-1 transgenic rat as a model for HIV-1 infected individuals on HAART. Journal of Neuroimmunology, 2010, 218, 94-101.	1.1	112
3	Sleep Deprivation and Neurological Disorders. BioMed Research International, 2020, 2020, 1-19.	0.9	88
4	Spatial Learning and Memory in HIV-1 Transgenic Rats. Journal of NeuroImmune Pharmacology, 2007, 2, 319-328.	2.1	86
5	The HIV-1 transgenic rat model of neuroHIV. Brain, Behavior, and Immunity, 2015, 48, 336-349.	2.0	79
6	Chronic morphine accelerates the progression of lipopolysaccharide-induced sepsis to septic shock. Journal of Neuroimmunology, 2004, 149, 90-100.	1.1	78
7	Further characterization of the spatial learning deficit in the human immunodeficiency virus-1 transgenic rat. Journal of NeuroVirology, 2009, 15, 14-24.	1.0	61
8	Interleukin-1 induces the expression of Î¼ opioid receptors in endothelial cells. Immunopharmacology, 1998, 38, 261-266.	2.0	58
9	Meta-analysis of alcohol induced gut dysbiosis and the resulting behavioral impact. Behavioural Brain Research, 2019, 376, 112196.	1.2	57
10	Differential expression of cytokines in the brain and serum during endotoxin tolerance. Journal of Neuroimmunology, 2005, 163, 53-72.	1.1	53
11	Methamphetamine-Induced Behavioral Sensitization Is Enhanced in the HIV-1 Transgenic Rat. Journal of NeuroImmune Pharmacology, 2009, 4, 309-316.	2.1	41
12	Identification and Characterization of Poly(I:C)-induced Molecular Responses Attenuated by Nicotine in Mouse Macrophages. Molecular Pharmacology, 2013, 83, 61-72.	1.0	39
13	NeuroHIV and Use of Addictive Substances. International Review of Neurobiology, 2014, 118, 403-440.	0.9	38
14	Transcriptome Sequencing of Gene Expression in the Brain of the HIV-1 Transgenic Rat. PLoS ONE, 2013, 8, e59582.	1.1	35
15	Network Metaâ€Analysis on the Mechanisms Underlying Alcohol Augmentation of COVIDâ€19 Pathologies. Alcoholism: Clinical and Experimental Research, 2021, 45, 675-688.	1.4	31
16	Expression of the Mu Opioid Receptor in the Human Immunodeficiency Virus Type 1 Transgenic Rat Model. Journal of Virology, 2007, 81, 8406-8411.	1.5	29
17	Opiate Receptor Changes after Chronic Exposure to Agonists and Antagonists. Annals of the New York Academy of Sciences, 1995, 757, 353-361.	1.8	26
18	FOS expression induced by interleukin-1 or acute morphine treatment in the rat hypothalamus is attenuated by chronic exposure to morphine. Brain Research, 1996, 736, 227-236.	1.1	26

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19	HIV-1 Transgenic Rats Display Alterations in Immunophenotype and Cellular Responses Associated with Aging. PLoS ONE, 2014, 9, e105256.	1.1	26
20	Methamphetamine-Induced Behavioral and Physiological Effects in Adolescent and Adult HIV-1 Transgenic Rats. Journal of NeuroImmune Pharmacology, 2010, 5, 566-573.	2.1	25
21	HIV-1 gp120 up-regulation of the mu opioid receptor in TPA-differentiated HL-60 cells. International Immunopharmacology, 2006, 6, 1459-1467.	1.7	24
22	Modulation of innate immune-related pathways in nicotine-treated SH-SY5Y cells. Amino Acids, 2012, 43, 1157-1169.	1.2	22
23	Endotoxin-induced cytokine and chemokine expression in the HIV-1 transgenic rat. Journal of Neuroinflammation, 2012, 9, 3.	3.1	22
24	Regional Variations of Antioxidant Capacity and Oxidative Stress Responses in HIV-1 Transgenic Rats With and Without Methamphetamine Administration. Journal of NeuroImmune Pharmacology, 2013, 8, 691-704.	2.1	21
25	Nicotine attenuates the effect of HIV-1 proteins on the neural circuits of working and contextual memories. Molecular Brain, 2015, 8, 43.	1.3	21
26	Chronic exposure to morphine attenuates expression of interleukin-1Î² in the rat hippocampus. Brain Research, 1996, 712, 340-344.	1.1	20
27	Behavioral and Molecular Evidence for a Feedback Interaction Between Morphine and HIV-1 Viral Proteins. Journal of NeuroImmune Pharmacology, 2012, 7, 332-340.	2.1	20
28	Ethanol Concentrationâ€Ðependent Alterations in Gene Expression During Acute Binge Drinking in the <scp>HIV</scp> â€•1 Transgenic Rat. Alcoholism: Clinical and Experimental Research, 2013, 37, 1082-1090.	1.4	20
29	The Effects of Interaction Between Morphine and Interleukin-1 on the Immune Response. Advances in Experimental Medicine and Biology, 1998, 437, 67-72.	0.8	20
30	Alcohol and inflammatory responses: Summary of the 2013 Alcohol and Immunology Research Interest Group (AIRIG) meeting. Alcohol, 2015, 49, 1-6.	0.8	19
31	A meta-analysis of the effect of binge drinking on the oral microbiome and its relation to Alzheimerâ€™s disease. Scientific Reports, 2020, 10, 19872.	1.6	19
32	Acquisition and long-term retention of spatial learning in the human immunodeficiency virus-1 transgenic rat: effects of repeated nicotine treatment. Journal of NeuroVirology, 2013, 19, 157-165.	1.0	18
33	Age- and Ethanol Concentration-Dependent Effects of Acute Binge Drinking in the HIV-1 Transgenic Rat. Alcoholism: Clinical and Experimental Research, 2013, 37, E70-E78.	1.4	18
34	Modulation Effect of HIV-1 Viral Proteins and Nicotine on Expression of the Immune-Related Genes in Brain of the HIV-1 Transgenic Rats. Journal of NeuroImmune Pharmacology, 2016, 11, 562-571.	2.1	17
35	RNA Deep Sequencing Analysis Reveals That Nicotine Restores Impaired Gene Expression by Viral Proteins in the Brains of HIV-1 Transgenic Rats. PLoS ONE, 2013, 8, e68517.	1.1	16
36	Versatile cell ablation tools and their applications to study loss of cell functions. Cellular and Molecular Life Sciences, 2019, 76, 4725-4743.	2.4	16

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37	Alcohol exposure alters pre-mRNA splicing of antiapoptotic Mcl-1L isoform and induces apoptosis in neural progenitors and immature neurons. Cell Death and Disease, 2019, 10, 447.	2.7	16
38	Morphine Affects the Brain-Immune Axis by Modulating an Interleukin-1 Beta Dependent Pathway. Advances in Experimental Medicine and Biology, 1996, 402, 35-42.	0.8	16
39	Role of HIV-1 Infection in Addictive Behavior: A Study of a HIV-1 Transgenic Rat Model. American Journal of Infectious Diseases, 2006, 2, 98-106.	0.1	15
40	Involvement of Interferon Regulatory Factor 7 in Nicotineâ€™s Suppression of Antiviral Immune Responses. Journal of NeuroImmune Pharmacology, 2019, 14, 551-564.	2.1	14
41	Morphine-induced conditioned place preference and associated behavioural plasticity in HIV-1 transgenic rats. International Journal of Clinical and Experimental Medicine, 2012, 5, 105-23.	1.3	14
42	Methamphetamineâ€mediated modulation of MOR expression in the SHâ€SY5Y neuroblastoma cell line. Synapse, 2011, 65, 858-865.	0.6	13
43	Meta-Analysis of Methamphetamine Modulation on Amyloid Precursor Protein through HMGB1 in Alzheimerâ€™s Disease. International Journal of Molecular Sciences, 2021, 22, 4781.	1.8	13
44	Involvement of the Hippocampus in Binge Ethanol-Induced Spleen Atrophy in Adolescent Rats. Alcoholism: Clinical and Experimental Research, 2016, 40, 1489-1500.	1.4	12
45	Nicotine mediates expression of genes related to antioxidant capacity and oxidative stress response in HIV-1 transgenic rat brain. Journal of NeuroVirology, 2016, 22, 114-124.	1.0	12
46	Alcohol-Mediated Missplicing of Mcl-1 Pre-mRNA is Involved in Neurotoxicity. Alcoholism: Clinical and Experimental Research, 2017, 41, 1715-1724.	1.4	12
47	Ethanolâ€™s Effects on Transient Receptor Potential Channel Expression in Brain Microvascular Endothelial Cells. Journal of NeuroImmune Pharmacology, 2018, 13, 498-508.	2.1	11
48	Binge-Like Exposure to Ethanol Enhances Morphine's Anti-nociception in B6 Mice. Frontiers in Psychiatry, 2018, 9, 756.	1.3	11
49	Lipopolysaccharide-induced Pro-inflammatory Cytokines in the Brain of Rats in the Morphine-tolerant State. Journal of NeuroImmune Pharmacology, 2008, 3, 236-240.	2.1	10
50	Involvement of the NLRP3 inflammasome in the modulation of an LPS-induced inflammatory response during morphine tolerance. Drug and Alcohol Dependence, 2013, 132, 38-46.	1.6	10
51	Altered gene expression in the spleen of adolescent rats following high ethanol concentration binge drinking. International Journal of Clinical and Experimental Medicine, 2011, 4, 252-7.	1.3	10
52	Interactive Effects of Ethanol and <scp>HIV</scp>â€1 Proteins on Noveltyâ€Seeking Behaviors and Addictionâ€Related Gene Expression. Alcoholism: Clinical and Experimental Research, 2016, 40, 2102-2113.	1.4	9
53	NLRP12 Inflammasome Expression in the Rat Brain in Response to LPS during Morphine Tolerance. Brain Sciences, 2017, 7, 14.	1.1	9
54	The Impact of Alcohol-Induced Dysbiosis on Diseases and Disorders of the Central Nervous System. Journal of NeuroImmune Pharmacology, 2022, 17, 131-151.	2.1	9

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55	Meta-Analysis of APP Expression Modulated by SARS-CoV-2 Infection via the ACE2 Receptor. International Journal of Molecular Sciences, 2022, 23, 1182.	1.8	9
56	HIV-1 Proteins Influence Novelty-Seeking Behavior and Alter Region-Specific Transcriptional Responses to Chronic Nicotine Treatment in HIV-1Tg Rats. Nicotine and Tobacco Research, 2017, 19, 1024-1032.	1.4	8
57	Network Meta-analysis on the Changes of Amyloid Precursor Protein Expression Following SARS-CoV-2 Infection. Journal of NeuroImmune Pharmacology, 2021, 16, 756-769.	2.1	8
58	Chronic exposure to morphine, but not ethanol, attenuates the expression of interleukin-1Î² converting enzyme in rat spleen. Immunology Letters, 1997, 58, 153-157.	1.1	7
59	Effects of docosahexaenoic acid on locomotor activity in ethanol-treated HIV-1 transgenic rats. Journal of NeuroVirology, 2018, 24, 88-97.	1.0	7
60	Modulatory Effects of Nicotine on neuroHIV/neuroAIDS. Journal of NeuroImmune Pharmacology, 2018, 13, 467-478.	2.1	7
61	Immunodeficient Parameters in the HIV-1 Transgenic Rat Model. American Journal of Infectious Diseases, 2007, 3, 202-207.	0.1	7
62	Expression profile of nicotinic acetylcholine receptor subunits in the brain of HIV-1 transgenic rats given chronic nicotine treatment. Journal of NeuroVirology, 2016, 22, 626-633.	1.0	6
63	Genetic variants as biomarkers for progression and resistance in multiple myeloma. Cancer Genetics, 2021, 252-253, 1-5.	0.2	5
64	A Review of Bioinformatics Tools to Understand Acetaminophen-Alcohol Interaction. Medicines (Basel, Switzerland), 2019, 6, 79.	0.7	4
65	Acetylsalicylic acid improves cognitive performance in sleep deprived adult Zebrafish (Danio rerio) model. Frontiers in Bioscience - Landmark, 2021, 26, 114.	3.0	4
66	Roflumilast, a Phosphodiesterase-4 Inhibitor, Ameliorates Sleep Deprivation-Induced Cognitive Dysfunction in C57BL/6J Mice. ACS Chemical Neuroscience, 2022, 13, 1938-1947.	1.7	4
67	Binge alcohol and HIV: leaky gut and neurodegeneration through the gut-brain axis. International Journal of Nutrition, Pharmacology, Neurological Diseases, 2019, 9, 1-3.	0.6	3
68	Neuroimmune Pharmacology: An Elective Course for Molecular and Cellular Bioscience Graduate Programs. Journal of NeuroImmune Pharmacology, 2011, 6, 71-75.	2.1	2
69	Potential therapeutic strategy to treat substance abuse related disorders. Journal of Food and Drug Analysis, 2013, 21, S25-S26.	0.9	2
70	Effects of Morphine and Alcohol on the Hypothalamicâ€“Pituitaryâ€“Adrenal Axis, Immunity, and Cognitive Behavior. , 2013, , 477-508.		2
71	Modulation of OPRM1 Alternative Splicing by Morphine and HIVâ€“1 Nef. Journal of NeuroImmune Pharmacology, 2022, 17, 277-288.	2.1	2
72	Intraneuronal Î²-Amyloid Accumulation: Aging HIV-1 Human and HIV-1 Transgenic Rat Brain. Viruses, 2022, 14, 1268.	1.5	2

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73	Education Mission for Neuroimmune Pharmacology. Journal of NeuroImmune Pharmacology, 2011, 6, 1-3.	2.1	1
74	Meta-Analysis on Nicotine's Modulation of HIV-Associated Dementia. Journal of NeuroImmune Pharmacology, 2022, 17, 487-502.	2.1	1
75	The COVID-19 Pandemic: Reflections of Science, Person, and Challenge in Academic Research Settings. Journal of NeuroImmune Pharmacology, 2021, 16, 706-717.	2.1	1
76	The Neuroimmune Pharmacology of SARS-CoV-2. Journal of NeuroImmune Pharmacology, 2021, 16, 699-705.	2.1	1
77	Education Mission for Neuroimmune Pharmacology. Journal of NeuroImmune Pharmacology, 2011, 6, 1-3.	2.1	0
78	17th Annual Scientific Conference of the Society on NeuroImmune Pharmacology. Journal of NeuroImmune Pharmacology, 2011, 6, 1-3.	2.1	0
79	The 18th Annual Scientific Conference of the Society on NeuroImmune Pharmacology. Journal of NeuroImmune Pharmacology, 2012, 7, 1-4.	2.1	0
80	Street smarts of science for students. Nature Immunology, 2014, 15, 997-999.	7.0	0
81	The 26th Scientific Conference of the Society on NeuroImmune Pharmacology: College of Pharmacy, University of Tennessee Health Science Center, Memphis, TN, June 1-3, 2022. , 2022, .		0